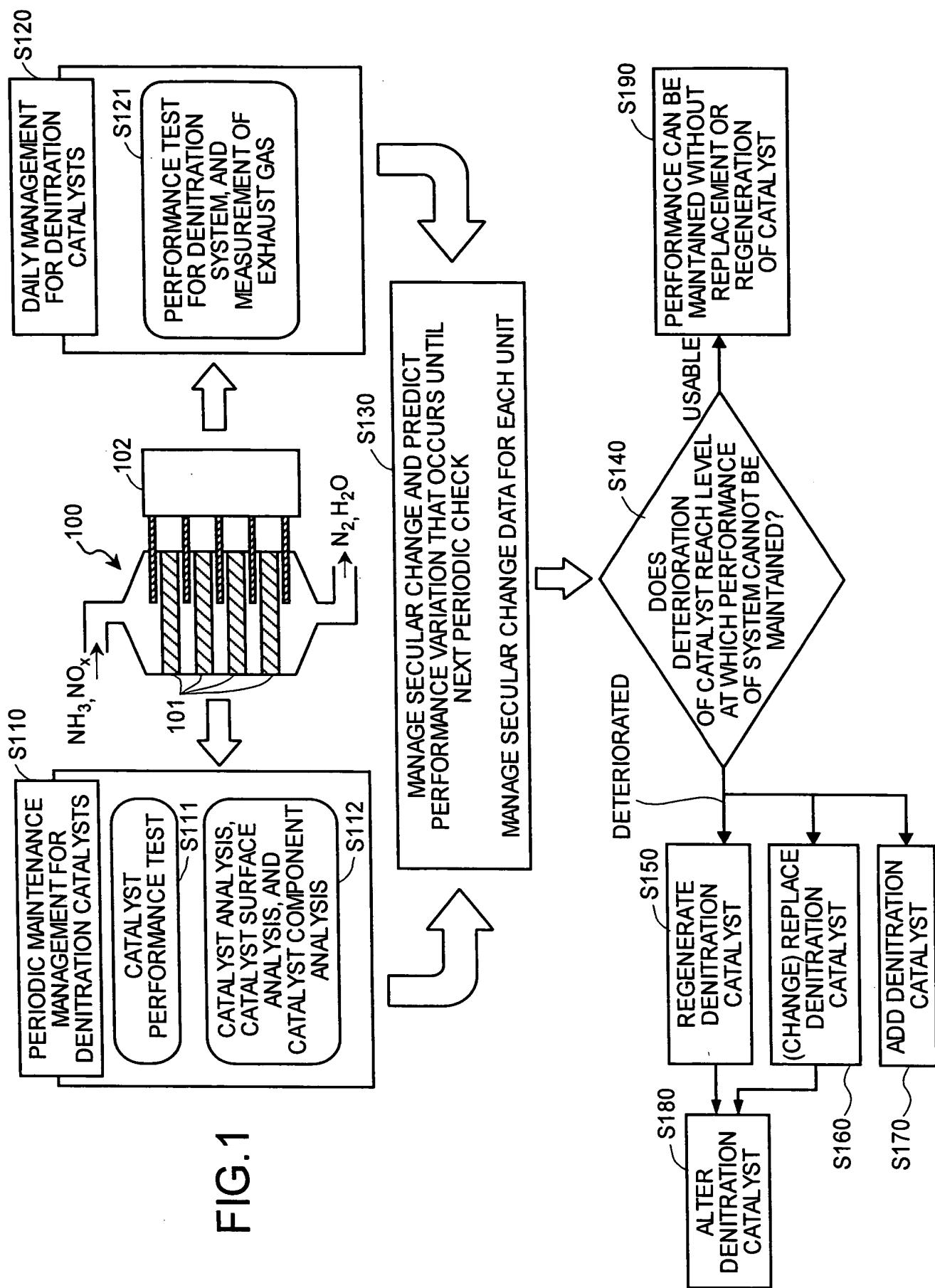


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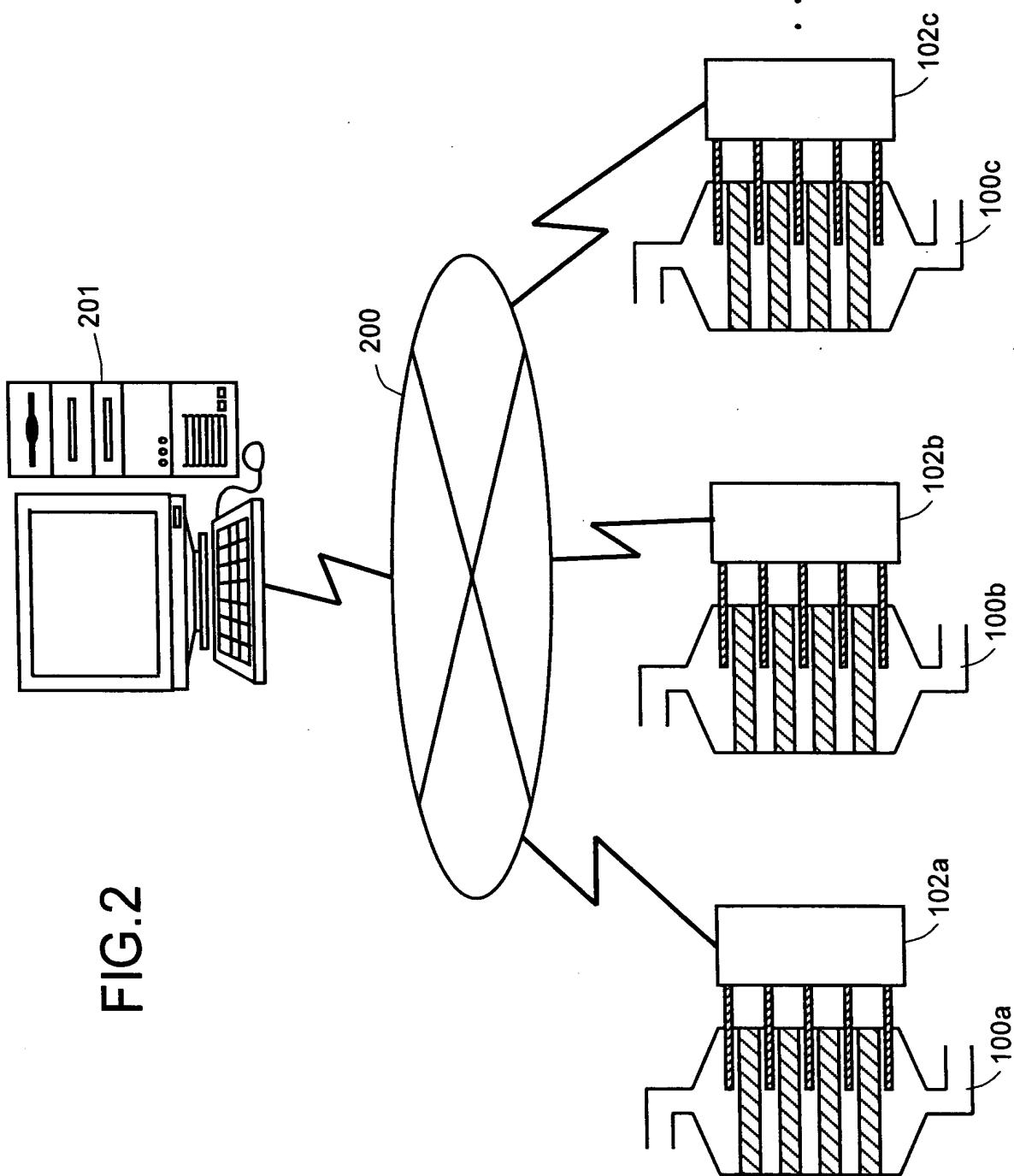
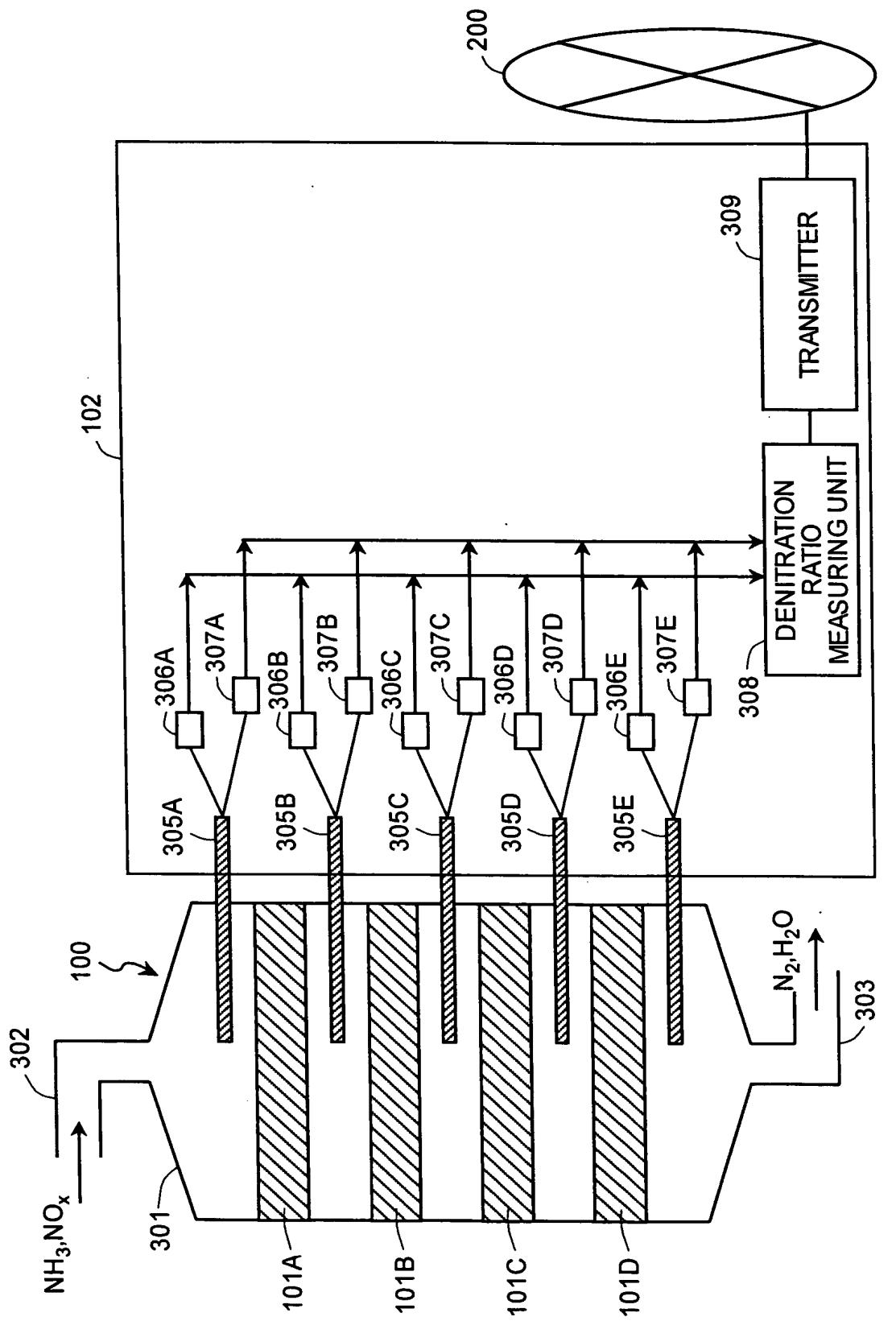


FIG. 2

FIG.3



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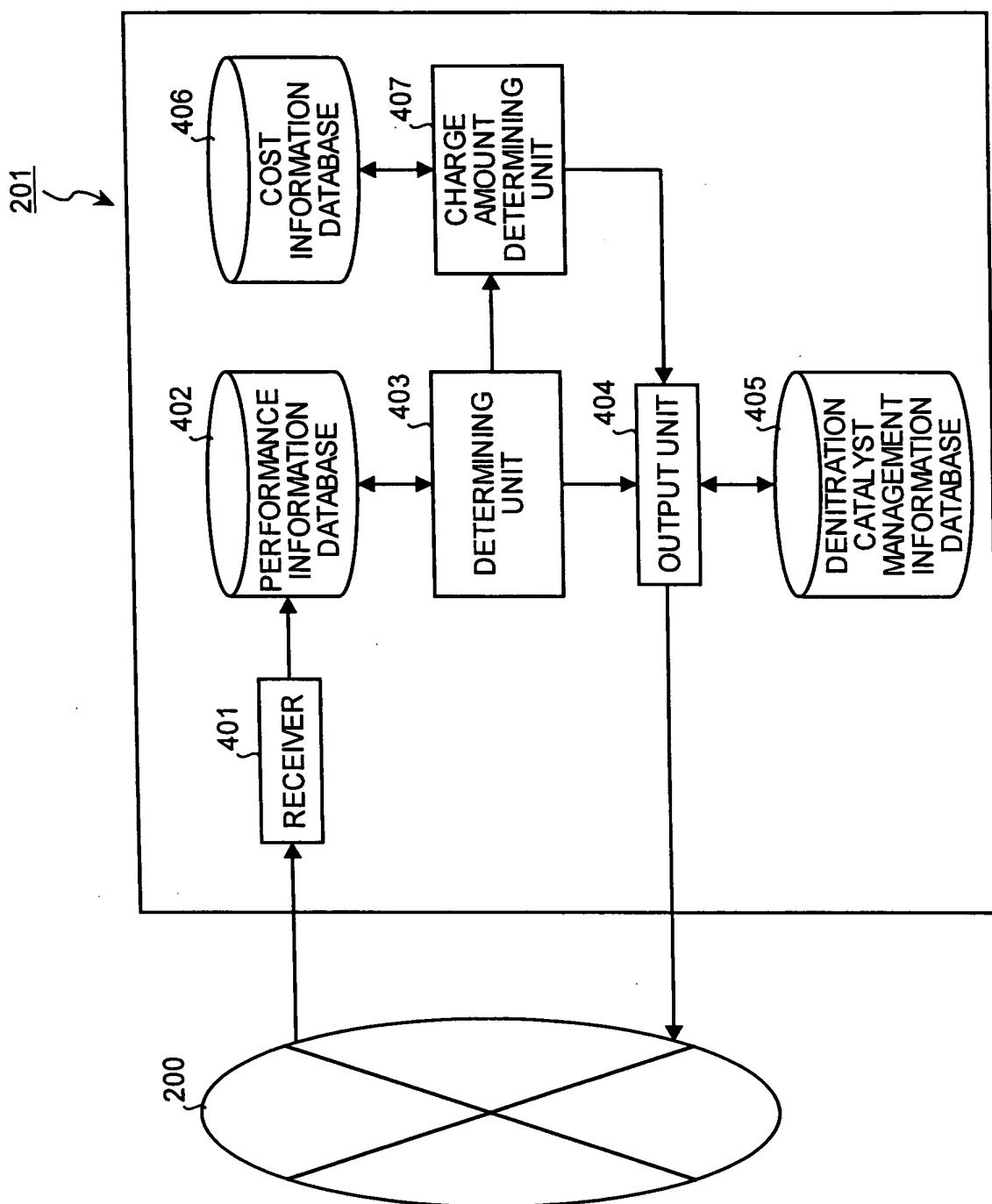


FIG.4

FIG.5

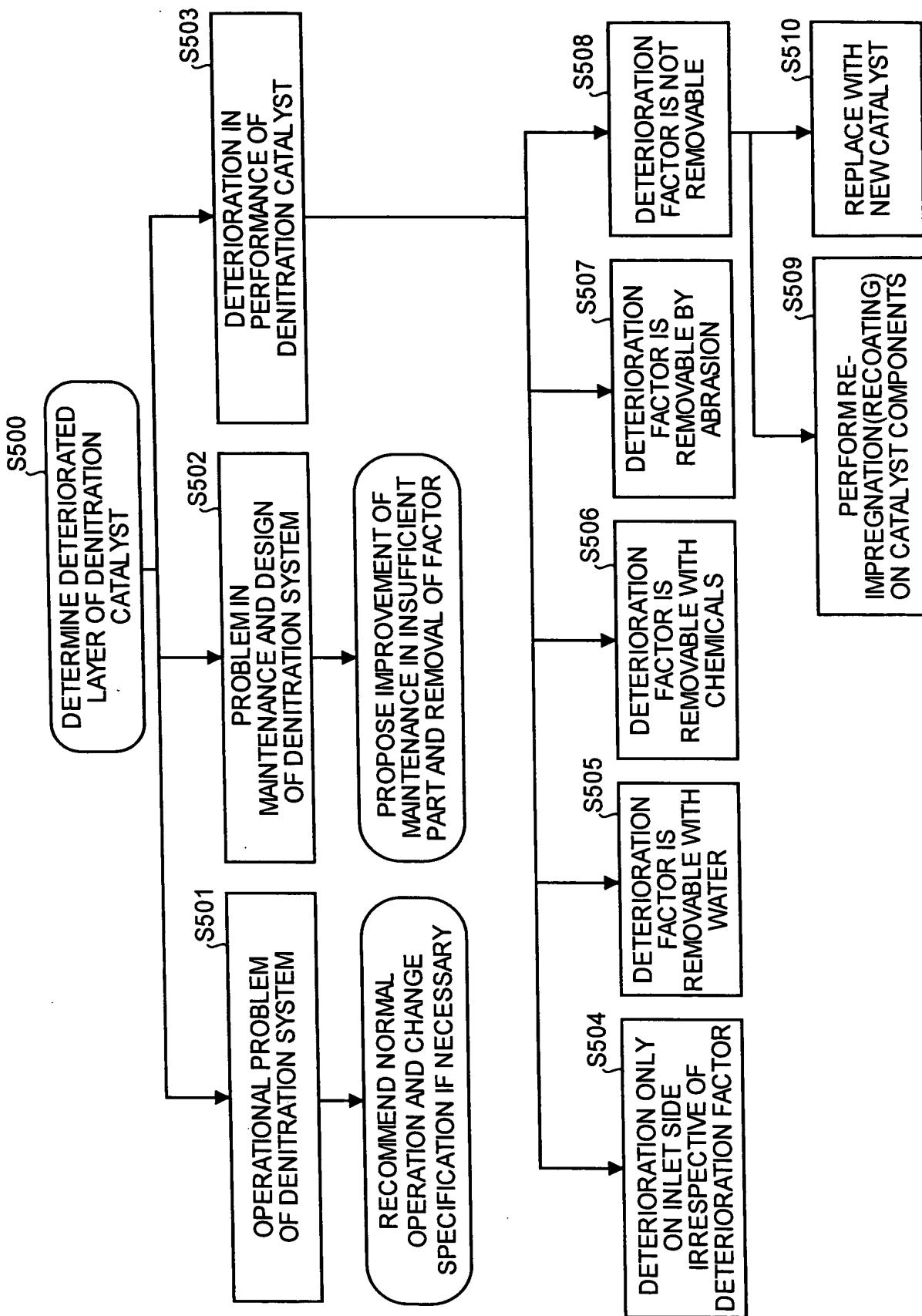


FIG.6

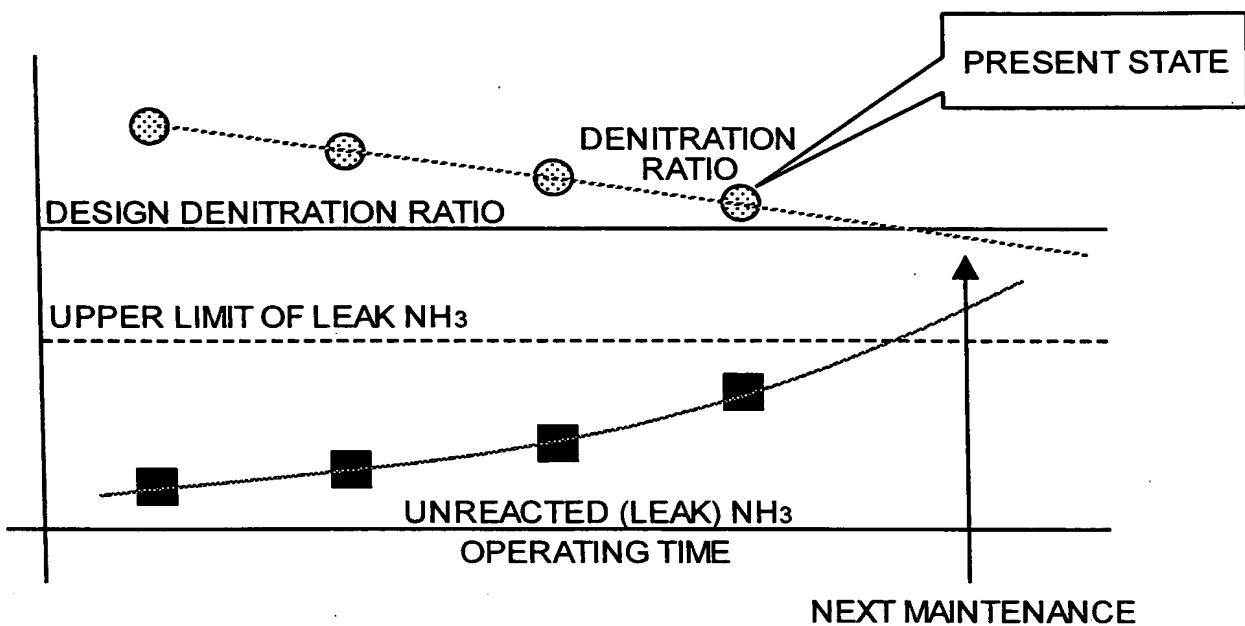
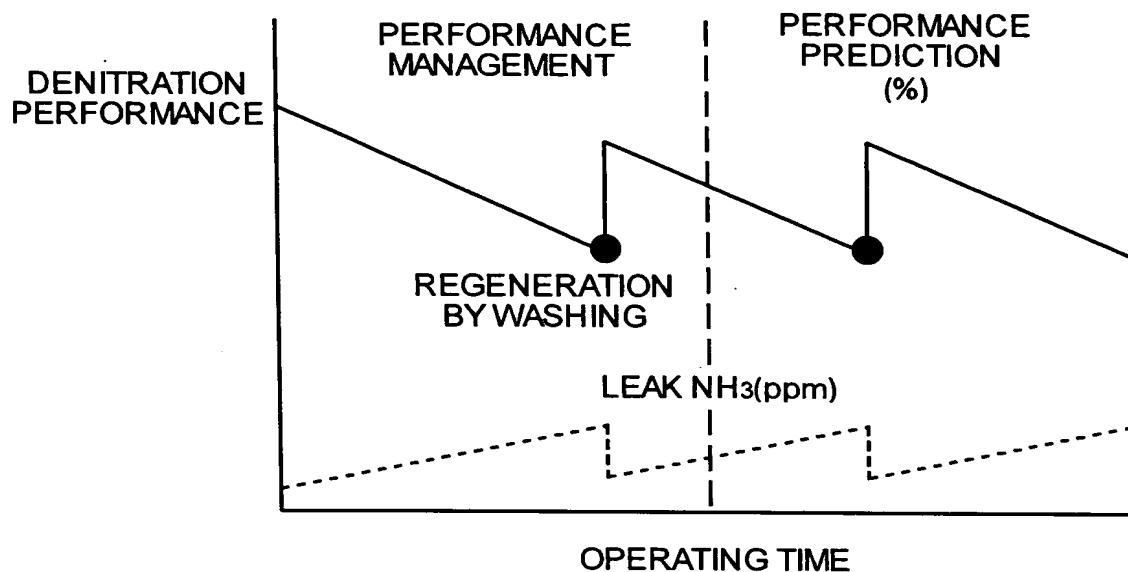


FIG.7



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FIG.8

UNIT: MILLION YEN

YEAR	14	15	16	17	18	19	20	21	22	23	TOTAL	REMARKS
REPLACEMENT WITH NEW CATALYST (A)	1	2	3	4	5	6	7	8	9	10	685	REPLACEMENT PERFORMED TWICE
REPLACEMENT WITH REGENERATED CATALYST (B)	80	80	80	80	80	80	80	80	80	80	320	REPLACEMENT PERFORMED THREE TIMES
DIFFERENCE (A-B)											1,050	105 MILLION YEAR

LAYERS  
ONE

LAYERS  
TWO

LAYERS  
THREE

LAYERS  
FOUR

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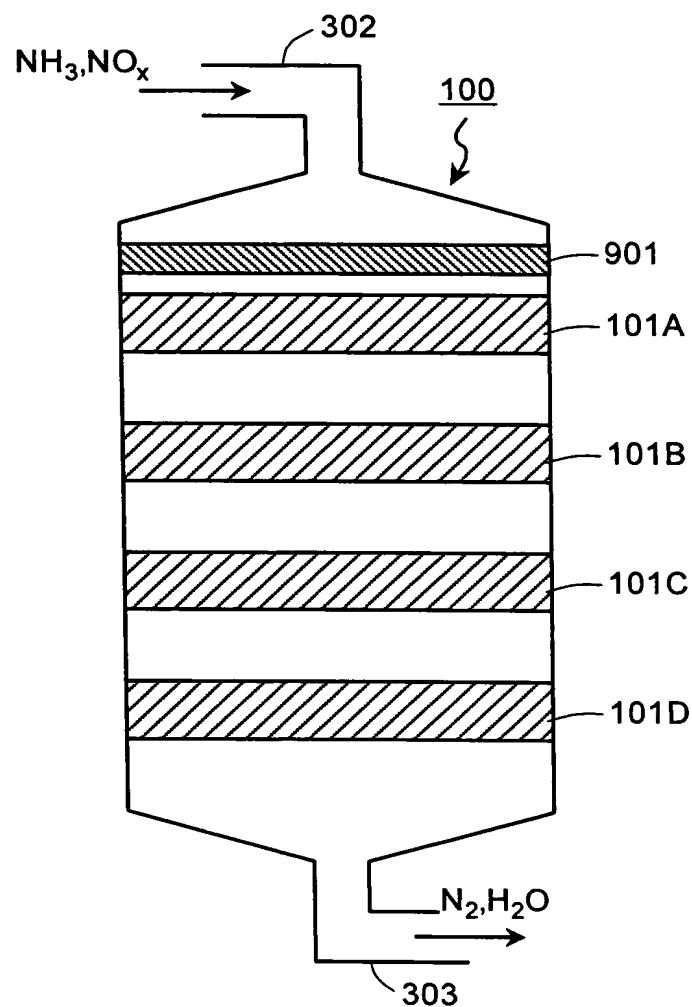
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FIG.9



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## FIG.10

MACHINE NO. 1 OF COMPANY A(BEFORE ADDITION)	
NO	150
NH <sub>3</sub>	132
NH <sub>3</sub> /NO	0.88
AV=20.8	1001 PARTIAL DENITRATION RATIO 74.5%
NO	38.3
NH <sub>3</sub>	20.3
NH <sub>3</sub> /NO	0.53
AV=20.8	1002 PARTIAL DENITRATION RATIO 47.0%
NO	20.3
NH <sub>3</sub>	2.3
TOTAL DENITRATION RATIO 86.5%	

FIG.11

MACHINE NO. 1 OF COMPANY A (ESTIMATION AFTER ADDITION)		
NO	150	
NH <sub>3</sub>	132	
NH <sub>3</sub> /NO	0.88	
AV=61.0		1101
PARTIAL DENITRATION RATIO 39.9%		
NO	90.2	
NH <sub>3</sub>	72.2	
NH <sub>3</sub> /NO	0.80	
AV=20.8		1001
PARTIAL DENITRATION RATIO 70.7%		
NO	26.4	
NH <sub>3</sub>	8.4	
NH <sub>3</sub> /NO	0.32	
AV=20.8		1002
PARTIAL DENITRATION RATIO 28.3%		
NO	18.9	
NH <sub>3</sub>	0.9	
TOTAL DENITRATION RATIO 87.4%		

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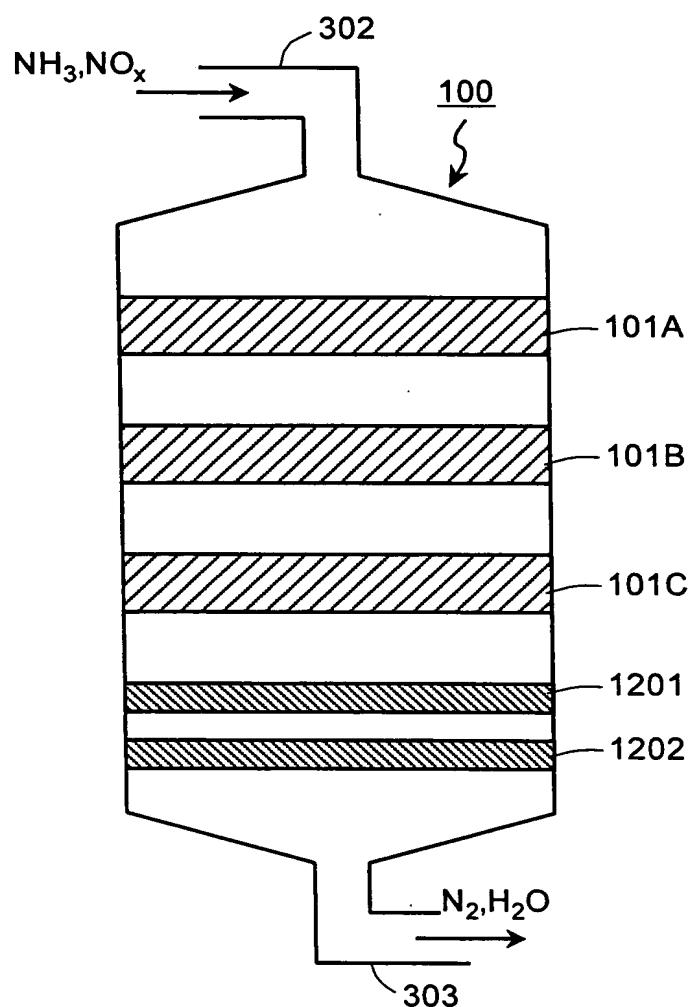
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FIG.12



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FIG.13

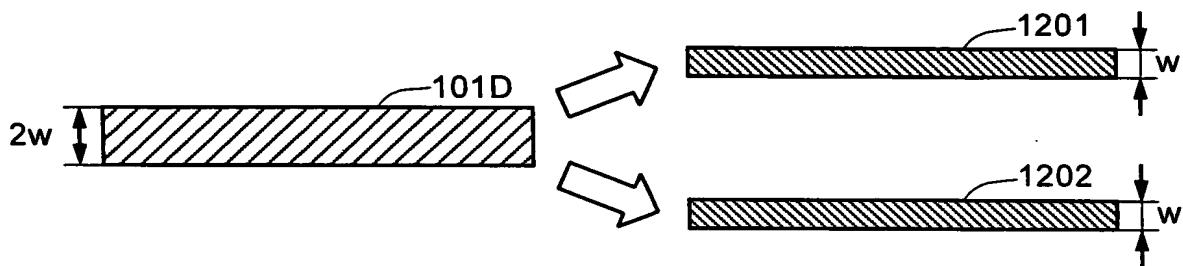
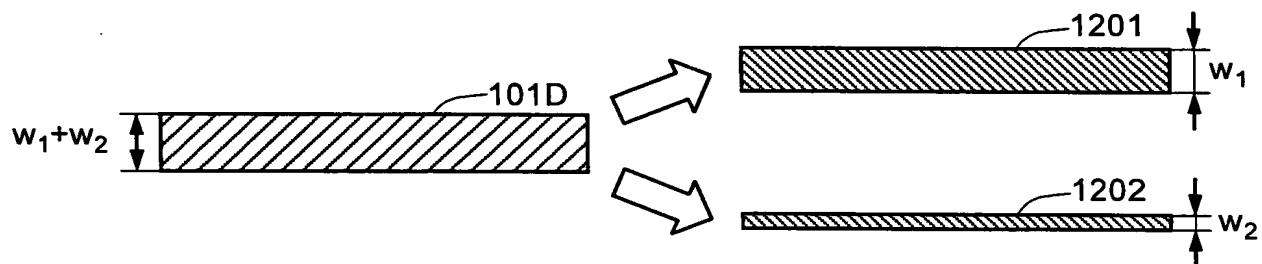


FIG.14



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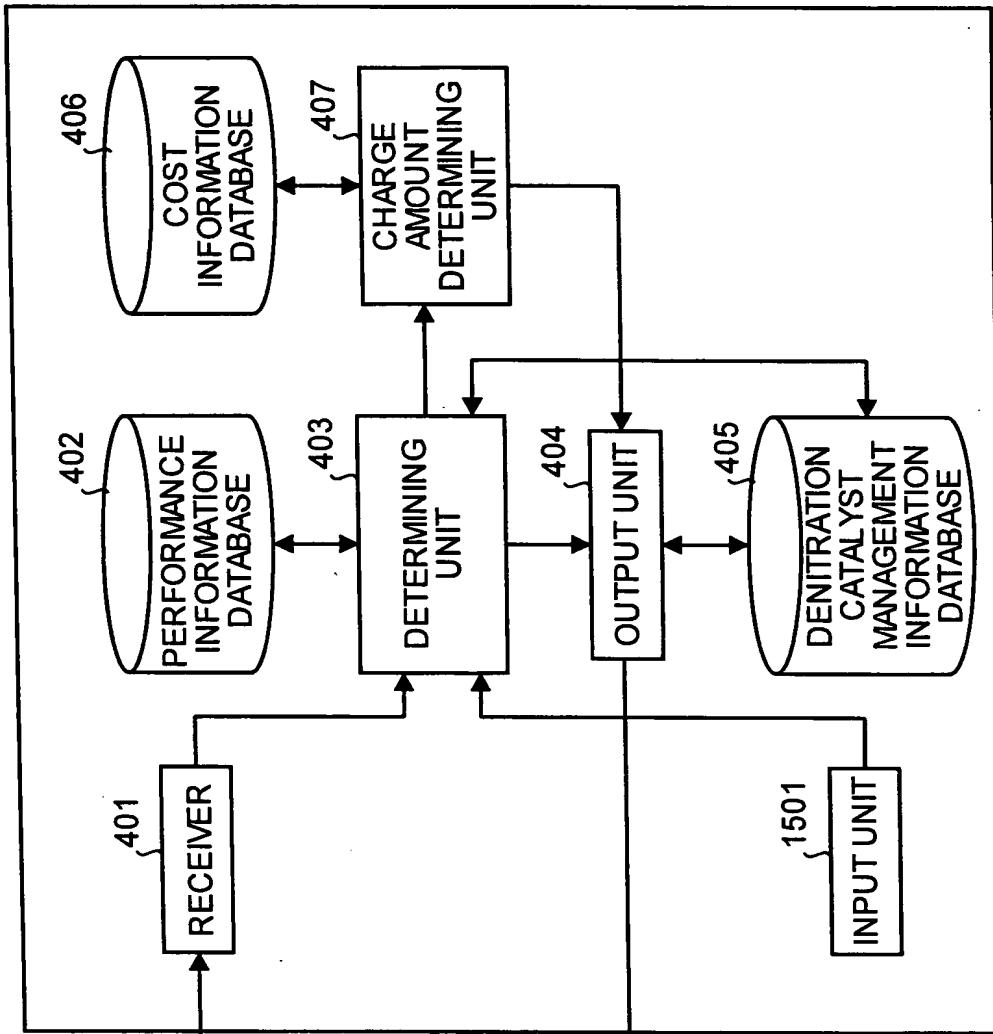


FIG. 15